

NOV 04 2003

Sheet 1 of 3

TECH CENTER 1600/2900

FORM PTO-1449 Commerce (Rev. 2-32)	U. S. Department of Patent and Trademark Office	Atty. Docket No. 00-888-J (236/244)	Serial No. 09/165,514
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several Sheets is Necessary)		Applicant: Sullenger, et al.	
		Filing Date: October 2, 1998	Group: 1634



U.S. PATENT APPLICATION DOCUMENTS

Examiner Initial		Document Number	Filing Date	Name	Class	Subclass	Publication Date if Appropriate
✓	1.	08/152,450	11/12/93	Sullenger et al.			

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
✓	2.	5,225,337	07/06/93	Robertson			
✓	3.	5,389,514	02/15/95	Taylor			
✓	4.	5,869,254	02/09/99	Sullenger			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

✓	5.	✓	Been and Cech, "One Binding Site Determines Sequence Specificity of Tetrahymena Pre-rRNA Self-Splicing, Trans-Splicing and RNA Enzyme Activity," <i>Cell</i> 47:207-216 (1986)
	6.	✓	Cech, "Ribozyme Engineering," <i>Current Opinion in Structural Biology</i> 2:605-609 (1992)
✓	7.	✓	Dzierzak et al., "Lineage-specific expression of a human β -globin gene in murine bone marrow transplant recipients reconstituted with retrovirus-transduced stem cells," <i>Nature</i> , 331, 35-41 (1989)
✓	8.	✓	Inoue et al., "Intermolecular Exon Ligation of the rRNA Precursor of Tetrahymena: Oligonucleotides Can Function as a 5' Exons," <i>Cell</i> 43:431-437 (1985)

EXAMINER	DATE CONSIDERED <i>11/17/09</i>
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Sheet 2 of 3

FORM PTO-1449 Commerc (Rev. 2-32)	U. S. Department of Commerce Patent and Trademark Office	Atty. Dock t No. 00-888-J (236/244)	Serial N . 09/165,514
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(Use several Sheets is Necessary)

9.	✓	Konarska et al., "Trans Splicing of mRNA Precursors in Vitro," <i>Cell</i> 42:165-171 (1985)
10.	✓	Kruger et al., "Self-Splicing RNA: Autoexcision and Autocyclization of the Ribosomal RNA Intervening Sequence of Tetrahymena," <i>Cell</i> 31:147-157 (1982)
11.	✓	Malim, et al., "functional Dissection of the HIV-1 Rev Trans-Activator – Derivation of a Trans-Dominant Repressor of Rev Function," <i>Cell</i> , 58, 205-214 (1989)
12.	✓	Morgan and Anderson, "Human Gene Therapy," <i>Annu. Rev. Biochem.</i> 62:191-217 (1993)
13.	✓	Murphy and Cech, "Alteration of Substrate Specificity for the Endoribonucleolytic Cleavage of RNA by the Tetrahymena Ribozyme," <i>Proc. Natl. Acad. Sci. USA</i> 86:9218-9222 (1989)
14.	✓	Price and Cech, "Coupling of Tetrahymena Ribosomal RNA Splicing to β -Galactosidase Expression in <i>Escherichia coli</i> ," <i>Science</i> 228:719-722 (1985)
15.	✓	Price, et al., "Determinants of the 3' splice site for self-splicing of the Tetrahymena pre-rRNA," <i>Genes and Development</i> , 2, 1439-1447 (1988)
16.	✓	Sarver et al., "Ribozymes as Potential Anti-HIV-1 Therapeutic Agents" <i>Science</i> 247:1222-1225 (1990)
17.	✓	Smith et al., "Development of a lacZ Marked WEHI-3B D ⁺ Murine Leukemic Cell Line as an In-Vivo Model fo Actue Non-Lymphocytic Leukemia," <i>Leukemia</i> , 7, 310-317 (1993)
18.	✓	Solnick, "Trans Splicing of mRNA Precursors," <i>Cell</i> 42:157-164 (1985)
19.	✓	Sullenger et al., "Overexpression of TAR Sequences Renders Cells Resistant to Human Immunodeficiency Virus Replication," <i>Cell</i> 63:601-608 (1990)
20.	✓	Trono et al., "HIV-1 Gag Mutants Can Dominantly Interfere with e Replication of the Wild-Type Virus," <i>Cell</i> , 59, 113-120 (1989)
21.	✓	Tsuchihashi et al., "Protein Enhancement of Hammerhead Ribozyme Catalysis," <i>Science</i> 262:99-102 (1993)
22.	✓	van der Veen et al., "Excised Group II Introns in Yeast Mitochondria are Lariats and Can Be Formed by Self-splicing In Vitro," <i>Cell</i> 44:225-234 (1986)

EXAMINER	DATE CONSIDERED 2/17/04
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FORM PTO-1449 Comm rce (R v. 2-32)	U. S. Departm nt of Pat nt and Trademark Office	Atty. Docket No.	Serial No.
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2	23.	Waring et al., "The Tetrahymena rRNA Intron Self-Splices in E. Coli: In Vivo Evidence for the Importance of Key Base-Paired Regions of RNA for RNA Enzyme Function," <u>Cell</u> 40:371-380 (1985)
J	24.	Weber et al., "Antiviral properties of a dominant negative mutant of the herpes simplex virus type 1 regulatory protein ICP0," <u>Journal of General Virology</u> 73:2955-2961 (1992)
J	25.	Zaug and Cech, "The Intervening Sequence RNA of <i>Tetrahymena</i> Is a Enzyme," <u>Science</u> 231:470-475 (1986)
N	26.	Zaug et al., "The <i>Tetrahymena</i> Ribozyme Acts Like an RNA Restriction Endonuclease," <u>Nature</u> 324:429-433 (1986)

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